

IN THE CLAIMS:

Please amend the claims as indicated below.

- 1 (Cancelled).
- 5 2 (Cancelled).
- 3 (Cancelled).
- 10 4 (Cancelled).
- 5 (Cancelled).
- 6 (Cancelled).
- 15 7 (Cancelled).
- 8 (Cancelled).
- 20 9 (Cancelled).
- 10 (Cancelled).
- 11 (Cancelled).
- 25 12 (Cancelled).
- 13 (Cancelled).
- 30 14 (Cancelled).

15. (Cancelled)

16. (Cancelled)

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18. (Cancelled)

19. (Currently Amended) A method for periodically broadcasting levels of  
10 detail of stroke data, comprising the steps of:

determining original stroke data from a whiteboard;

for each of a plurality of levels of detail, determining predicted stroke data  
from the original stroke data; and

periodically transmitting the predicted stroke data for each level of detail.

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20. (Original) The method of claim 19, wherein the step of periodically  
transmitting further comprises the steps of:

determining a latency for each level of detail; and

transmitting each level of detail within its respective latency.

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21 (Original) The method of claim 20, further comprising the step of  
determining bandwidth for each level of detail by using a respective latency.

22. (Original) The method of claim 19, wherein the step of determining  
25 predicted stroke data further comprises the steps of:

for a lowest level of detail, determining segmentation points of the original  
stroke data and using the segmentation points as the predicted stroke data for the lowest  
level of detail; and

30 for higher levels of detail, determining feature points determined by using  
an area-based error method that uses points in a lower level of detail, wherein the feature  
points are used as the predicted stroke data.

23. (Original) The method of claim 22, wherein the step of determining feature points determined by using an area-based error method that uses points in a lower level of detail further comprises the steps of:

determining two points that are contained in a lower level of detail; and

5 iterating the following steps until a first area is within a predetermined amount from a second area:

selecting a prediction point from the original stroke data, wherein the prediction point is between the two points on a line formed by the original stroke data;

10 selecting a local point immediately prior to or after the prediction point on the line formed by the original stroke data;

determining the first area of a triangle formed by the prediction point, one of the two points, and the local point;

15 determining the second area of a triangle formed by the prediction point, the other of the two points, and the local point;

comparing the first and second areas; and

when the first area is within a predetermined amount from the second area, selecting the prediction point as a feature point.

20 24 (Original) The method of claim 19, further comprising the steps of:  
receiving a set of the levels of detail; and  
displaying this set of the levels of detail by combining points from the each level of detail in the set.

25 25 (Cancelled)

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37 (Cancelled).

20 38. (Original) A system for periodically broadcasting levels of detail of stroke data, comprising:

a memory that stores computer-readable code; and

a processor operatively coupled to the memory, the processor configured to implement the computer-readable code, the computer-readable code configured to:

determine original stroke data from a whiteboard;

25 for each of a plurality of levels of detail, determine predicted stroke data from the original stroke data; and

periodically transmit the predicted stroke data for each level of detail.

30 39 (Original) The system of claim 38, wherein the computer-readable code is further configured, when determining predicted stroke data, to:

for a lowest level of detail, determine segmentation points of the original stroke data and using the segmentation points as the predicted stroke data for the lowest level of detail; and

5 for higher levels of detail, determine feature points determined by using an area-based error method that uses points in a lower level of detail, wherein the feature points are used as the predicted stroke data

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52. (Cancelled).

53. (Currently Amended) An article of manufacture for periodically broadcasting levels of detail of stroke data, comprising:

5 a computer-readable medium having computer-readable code means embodied thereon, the computer-readable program code means comprising:

a step to determine original stroke data from a whiteboard;

for each of a plurality of levels of detail, a step to determine predicted stroke data from the original stroke data; and

10 a step to periodically transmit the predicted stroke data for each level of detail.

54. (Original) The article of manufacture of claim 53, wherein the computer-readable program code means further comprises, when determining predicted stroke data:

15 for a lowest level of detail, a step to determine segmentation points of the original stroke data and using the segmentation points as the predicted stroke data for the lowest level of detail; and

for higher levels of detail, a step to determine feature points determined by using an area-based error method that uses points in a lower level of detail, wherein the  
20 feature points are used as the predicted stroke data.

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